

Name _____ Date _____

3.2 ADDITION AND SUBTRACTION OF COMPLEX NUMBERS

Simplify

1. $(5 + 9i) + (7 + 2i) =$
2. $(11 + 4i) + (5 - 8i) =$
3. $(7 - 12i) + (4 + 5i) =$
4. $(12 + 5i) - (9 + 11i) =$
5. $(14 - 9i) - (7 + 2i) =$
6. $(6 - 11i) - (13 - 8i) =$
7. $(7 + \sqrt{-36}) + (2 + \sqrt{-81}) =$
8. $(11 - \sqrt{-25}) + (5 + \sqrt{-64}) =$
9. $(15 + \sqrt{-16}) - (7 + \sqrt{-49}) =$
10. $(17 - \sqrt{-144}) - (9 + \sqrt{-9}) =$
11. $(7 + \sqrt{-27}) + (5 + \sqrt{-75}) =$
12. $(11 + \sqrt{-32}) + (2 - \sqrt{-72}) =$
13. $(8 - \sqrt{-80}) + (9 - \sqrt{-45}) =$
14. $(15 + \sqrt{-63}) - (7 + \sqrt{-28}) =$
15. $(13 - \sqrt{-50}) - (4 + \sqrt{-18}) =$
16. $(7 - \sqrt{-48}) - (12 - \sqrt{-108}) =$
17. $ 6 + 2i =$
18. $ 4 - 3i =$